

## CLAIMS

1. A microorganism which belongs to *Eumycota* and lacks a major isomaltose synthase gene.  
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2. The microorganism according to claim 1, which is classified in filamentous fungi.
3. *Aspergillus nidulans* which lacks an  $\alpha$ -glucosidase B gene.  
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4. A transformant obtained by introducing a foreign gene whose expression is induced by isomaltose into a microorganism which belongs to *Eumycota* and lacks a major isomaltose synthase gene.
- 15 5. The transformant according to claim 4, wherein the microorganism is classified in filamentous fungi.
6. A transformant obtained by introducing a foreign gene whose expression is induced by isomaltose into *Aspergillus nidulans* which lacks an  $\alpha$ -glucosidase B gene.  
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7. The transformant according to claim 4, wherein the foreign gene contains the following modified promoter:  
a modified promoter obtained by inserting a first DNA fragment containing CCAATNNNNNN (first base sequence: SEQ ID NO: 1) and a second DNA fragment  
25 CGGNNNNNNNNNGG (second base sequence: SEQ ID NO: 2) into a promoter capable of functioning in filamentous fungi.
8. A method of producing proteins, the method comprising:  
a step of culturing the transformant according to claim 4 under the conditions  
30 capable of allowing the foreign gene to express; and  
a step of collecting the produced proteins.